## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

## <u>Listing of Claims</u>:

Claims 1 to 13 (Canceled).

Claim 14 (Currently Amended): A radial piston pump (1)—for high-pressure fuel generation in fuel injection systems of internal combustion engines, in particular in a common rail injection system, having a drive shaft (4)—which is mounted in a pump casing (2)—and has an eccentric shaft section (6)—on which a running roller (8)—is mounted, and having preferably a plurality of pistons (16), which are arranged in a respective cylinder (14) radially with respect to the drive shaft (4)—and each have a piston footplate (18), which makes contact with the circumferential surface (10, 12)—of the running roller (8), at their ends facing the running roller (8), wherein a surface (28, 31)—of the piston footplate (18)—which is in contact with the circumferential surface (10, 12)—of the running roller (8)—has at least one insert (30)—made from a wear-resistant material, namely

of comprising hard metal, a ceramic material, a cast carbide material or cermet, and/or in that at least part of the running roller (8), in particular at least part of the circumferential surface (10, 12) of the running roller (8), consists of a wear-resistant material, namely of comprising hard metal, a sintered tool steel or an alloyed nitriding steel.

Claim 15 (Currently Amended): The radial piston pump as claimed in claim 1, wherein the piston (16)—consists of a ceramic material.

Claim 16 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the running roller (8)—consists of a heat-treated steel and has inserts (32)—made from hard metal, such as G20, GC37 or GC20, and in that—wherein the piston footplate (18)—has inserts (30)—made from ceramic, such as Si<sub>3</sub>N<sub>4</sub> eeramic, from chilled cast iron, such as SoCGH, or from cermet.

Claim 17 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the running roller (8)—consists of a precision-cast material, such as CX 210WCr13 H, and in that

wherein the piston footplate  $\frac{(18)}{}$  has inserts  $\frac{(30)}{}$  made from ceramic, such as  $\text{Si}_3N_4$  ceramic, from hard metal, such as G20, or from cermet.

Claim 18 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the running roller (8)—consists of a cast carbide material, such as chilled cast iron SoGGH, and in that—and wherein the piston footplate (18)—has inserts (30)—made from ceramic, such as Si<sub>3</sub>N<sub>4</sub>—ceramic, from hard metal, such as G20, or from cermet.

Claim 19 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the running roller (8) consists of sintered tool steel, such as ASP23, or of an alloyed nitriding steel, and in that wherein the piston footplate (18) has inserts (30) made from ceramic, such as Si<sub>3</sub>N<sub>4</sub> ceramic, from hard metal, such as G20, from cermet or from a cast carbide material, such as Soccion.

Claim 20 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the alloyed nitriding steel contains

at least one of C, and/or Cr, and/or V and/or and Mo, is gasnitrided and does not have a compound layer in the region of contact with the piston footplate (18).

Claim 21 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the running roller (8), on its circumferential surface (10, 12), has at least one insert (32) made from the respective wear-resistant material.

Claim 22 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the running roller (8), on its circumferential surface (12), has at least one transverse groove (36) extending transversely to the direction of movement.

Claim 23 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the piston footplate (18)—has at least two grooves (50)—which cross one another on its surface (31) facing the running roller (8).

Claim 24 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the surface of the piston footplate

(18) and/or of the running roller (8) has a surface roughness  $R_z$  of between 0.15  $\mu m$  and 2  $\mu m$  .

Claim 25 (Previously Presented): The radial piston pump as claimed in claim 14, wherein the piston consists of an  $\rm Si_3N_4$  ceramic or a  $\rm ZrO_2$  ceramic.

Claim 26 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the piston  $\frac{(16)}{}$ —is produced by extrusion and has a porosity of less than 5%, the surface being infiltrated with  $MoS_2$ .

Claim 27 (Currently Amended): The radial piston pump as claimed in claim 14, wherein the piston (16)—is isostatically extruded and sintered.